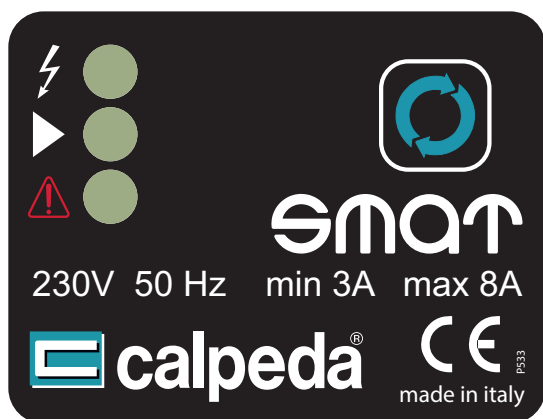


SMAT ELECTRONIC PROTECTION DEVICE FOR PUMPS



Control Panel



Construction

Electronic device for the protection of electric pumps, stops the pump in the event of water shortage and motor overcurrent.

Electrical connection

To pump motor cable (Schuko plug built-in)

- To electric line socket (Schuko plug built-in)

Applications

For protection of the pump:

Protects the pump against dry running and overcurrent

Operating conditions

Maximum ambient temperature max 55 °C.

Single-phase mains voltage: 230 V $\pm 10\%$.

Frequency: 50 - 60 Hz.

Protection IP 65.

Pump motor current Minimum 3 A - Maximum 8 A.

Functioning mode



Led verde acceso = Apparecchio in tensione



Led giallo acceso = Pompa in marcia



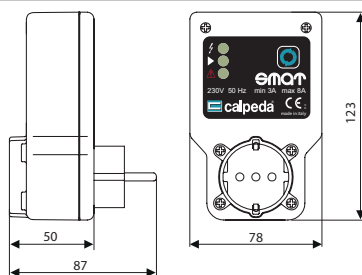
Led rosso intermittente = Mancanza acqua

Led rosso acceso fisso = Sovracorrente



Pulsante RESTART = - Acquisizione dati motore - Reset dopo anomalia

Dimensions and weights



Examples of installations

In order to operate, the electrical power supply of the pump must be connected to the mains. For this reason the power supply plug of the pump must be inserted in the socket of the device which is in turn connected to the power point (see Figure). In case of a water shortage on suction, the device will stop the pump and protect it against dry running. This malfunctioning is indicated with the red "Failure" Led lit up. In case of the current absorption exceeding 8 amperes, the device will stop the pump motor and protect it against over-current. This malfunctioning is indicated with the red "Failure" Led lit up. To restore normal operation to the device and the system simply press the red "Restart" button.

In case of a blackout, it will automatically rearm again several seconds after the electricity returns.

